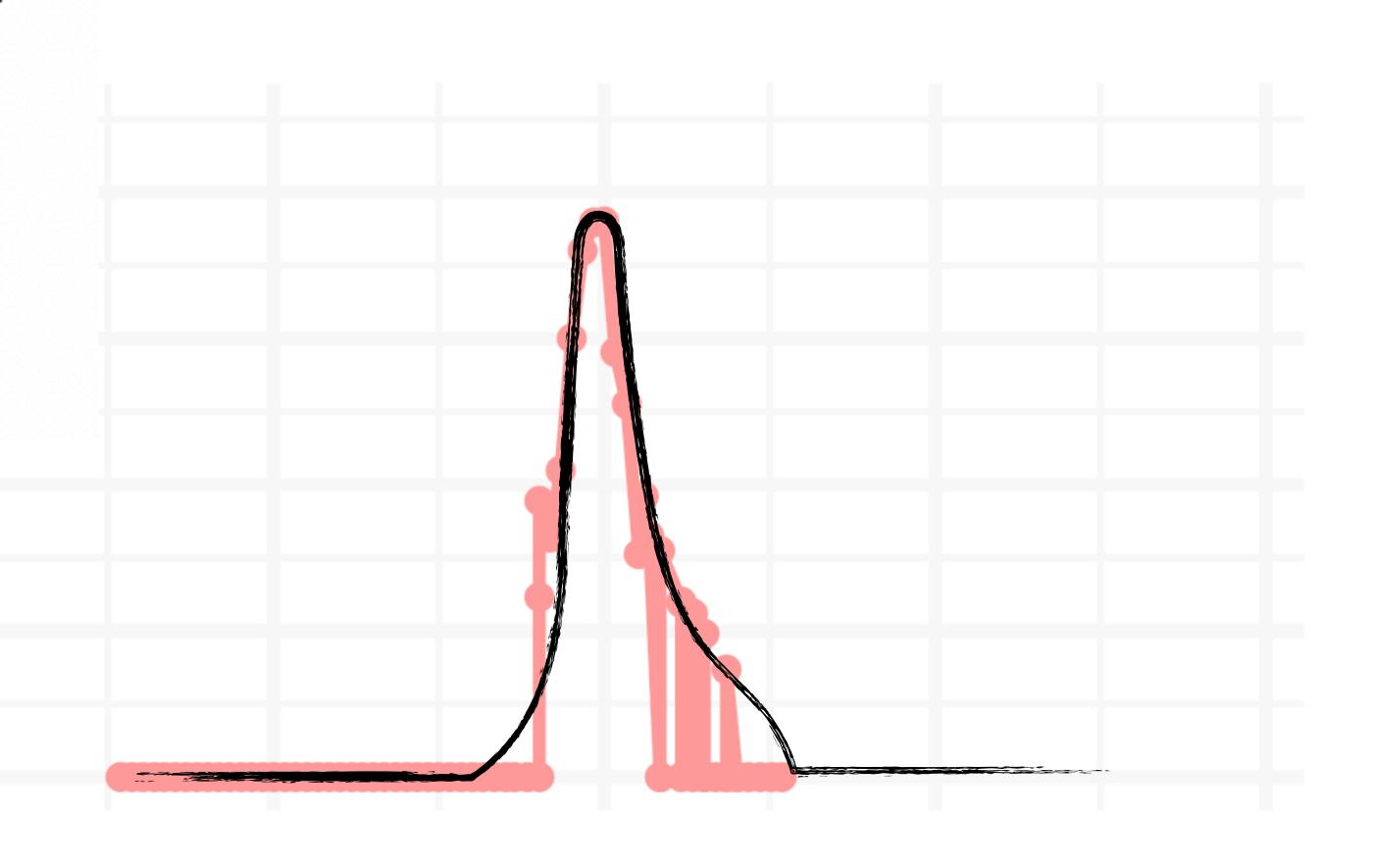
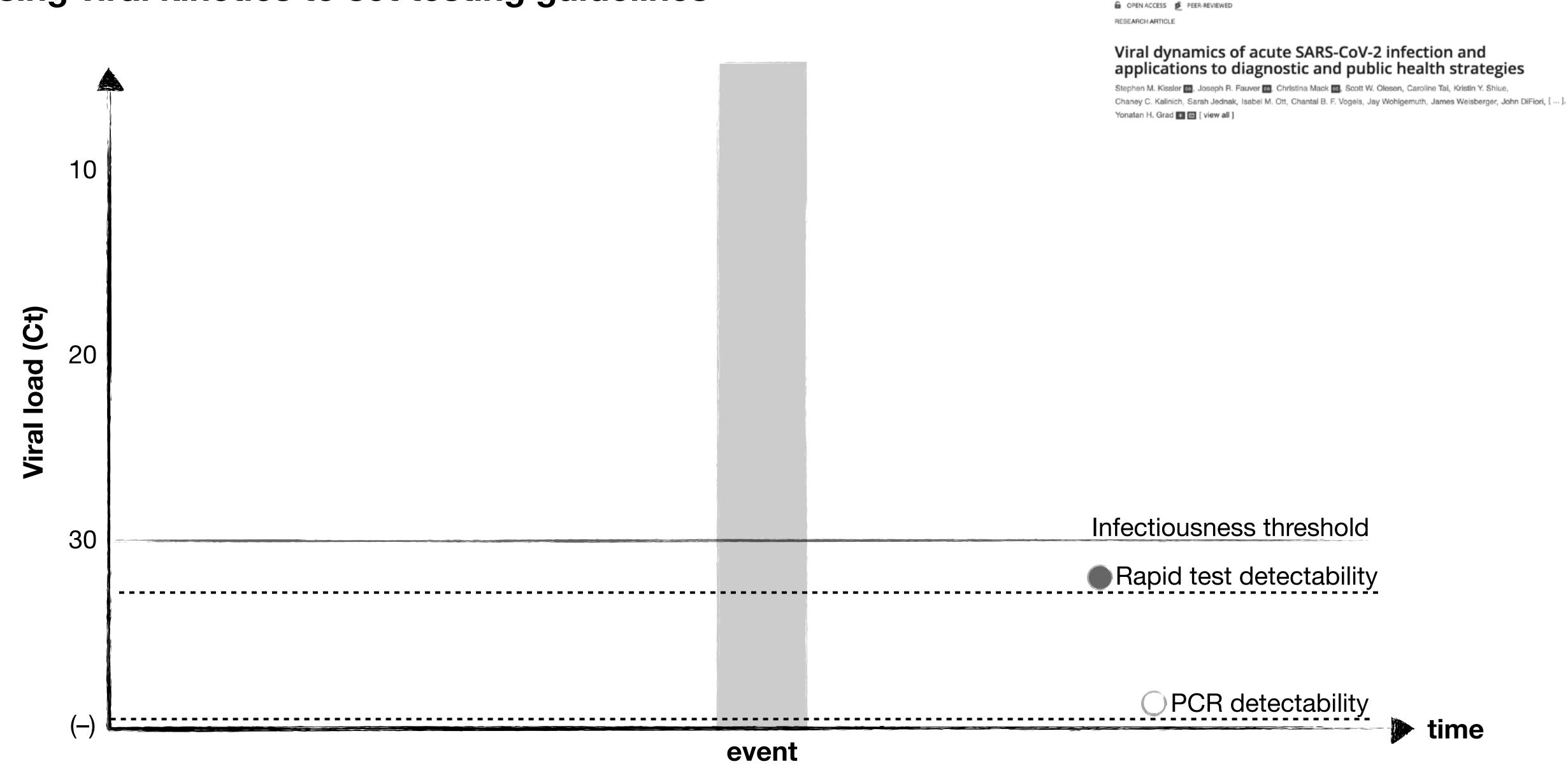
Modeling viral kinetics

$$rac{dT}{dt} = -eta VT - \Phi IT +
ho R$$
 $rac{dR}{dt} = \Phi IT -
ho R$
 $rac{dE}{dt} = eta VT - kE$
 $rac{dI}{dt} = kE - \delta I$
 $rac{dV}{dt} = \pi I - cV$,
Ke et al. (2021), PNAS



Using viral kinetics to set testing guidelines



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